6 ELEMENTS AS\_IS

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| Process | System Roles | | | | | |
| Human | non-Computing Hardware | Computing Hardware | Software | Database | Networks and Communication |
| Provide PLO’s and mapping of CO’s | **Department** -  1.BAETE sends accreditation manual with PLO’s defined to the department  2. Department  then collects  information  regarding Course  Outcome from BAETE  3. If the course content review the course content else create a list of the course content.  **Faculty** - Department maps CO’s with PLO’s and sends it to the faculty | Paper- Hard copy file. | Computer & Mobile Phone - All related data is searched and stored using a computer and mobile phone (if necessary) | None | All related  information  is stored in  a specific  location. | All related  data are  searched  through the  internet. |
| Course Registration | **Student-**  On the  reserved day for  registration logs in  to system with  their id and  password.  2. Go to the  registration page,  load courses and  select courses.  Can only select  courses of which  prerequisites  have been  completed and  the course  capacity is not  exceeded.  3. If the student misses registration date then the registration has to be done manually within a given time.  4. The student needs to go to their respective assigned faculty for the manual registration.  **FACULTY**  1. If student misses registration date then the respective faculty will manually register. | Pen &  Paper-  Sometimes course  registration is done  manually. | Computer:  All related  data is  searched and  stored using a computer. | System-  System has  an interface  for doing  registration. | MS SQL  Server-  System is  integrated  with MS  SQL Server.  Other  Sources- .All related  information  are stored in  the specific  location. | Internet-  System is a  web-based  application  and requires  Internet access. |
| Gather student marks from courses they have enrolled | Faculty-  1. Receives CO’s  to be achieved in  that particular  course.  2. Takes exams  such as  mid-term, final &  project to assess  students in  various course  outcomes.  3. Gather marks  for different  assessments  including student id, course id,  section, semester.  4. Convert the  total marks for  mid-term, final.  5. Calculate total  for all the CO’s. | Pen &  Paper-  1. Written  exams  conducted by  the faculty to  evaluate the  students. | Computer-  1. All related  data such as  student name,  id is searched  and stored  using a  computer.  2. Exams and assessments may also be done using a computer. | MS Excel-  1. All related  information is  stored.  . | Other  Sources-  1. All  related  information  is stored in  the specific  location. | Google Classroom- Used to pass information online |
| Provide student marks | Faculty:  1. Provides  students total CO  marks achieved  in all CO’s in  mid-term, final &  project.  Department:  1. Gather  students marks in  all CO’s achieved  based on  mid-term, final &  project  2. Calculates CO  percentages.  3. If greater than  or equal to 40%  CO’s have been  achieved, a  student passes  that certain CO  otherwise fails.  4. The  corresponding  CO’s are mapped  against PLO’s  and PLO  Achievements are recorded. | None | Computer:  1. All related  data is  searched and  stored using a  computer. | MS Excel:  1. All related  information is  stored. | Other  Sources:  1. All  related  information  is stored in  the specific  location. | All related  data are  provided  through the  internet. |

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| Give report & Report analysis | Department:  1. Retrieve the  student  information of  PLO  achievement  from previously  calculated OBE  marksheet.  2. Make reports  after comparing  results of  multiple students.  3. Calculate pass or fail  percentage  based on the total  number of  students.  **BAETE :** Does analysis by  1a. Viewing  number of  students passing  or failing in a  certain PLO.  1b. Viewing  progression of  students with  charts and  graphs. | Paper:  1. Paper is  required for  the printing  purpose. | Computer:  1. All related  data is  searched and  stored using a  computer.  Printer:  1. Print the  report based  on users’  request. | MS Excel:  1. All related  information is  stored and  calculated. | Other  Sources:  1. All  related  information  is stored in  the specific  location. | None |